

```

1  package socialmedia;
2
3  import java.util.ArrayList;
4
5  public class Original extends Post{
6      ArrayList<Comment> comments;
7      ArrayList<Endorsement> endorsements;
8
9      Original(Account poster, String message){
10         super(poster, message);
11         comments = new ArrayList<Comment>();
12         endorsements = new ArrayList<Endorsement>();
13     }
14
15     @Override
16     public void addComment(Comment comment){
17         comments.add(comment);
18     }
19
20     @Override
21     public void addEndorsements(Endorsement endorsement){
22         endorsements.add(endorsement);
23     }
24
25     @Override
26     public void deleteEndorsements(){
27         endorsements.removeAll(endorsements);
28     }
29
30     @Override
31     public String show(int indent){
32         String outString = "";
33
34         for (int i = 0; i < indent; i++){
35             outString += "    ";
36         }
37         outString += "ID: " + postID + "\n";
38         for (int i = 0; i < indent; i++){
39             outString += "    ";
40         }
41         outString += "Account: " + accountHandle + "\n";
42         for (int i = 0; i < indent; i++){
43             outString += "    ";
44         }
45         outString += "No. Endorsements: " + endorsements.size() + " | No. Comments: " +
46             comments.size() + "\n";
47         for (int i = 0; i < indent; i++){
48             outString += "    ";
49         }
50         outString += content;
51
52         return outString;
53     }
54
55     @Override
56     public int getNumEndorsements(){
57         return endorsements.size();
58     }
59
60     @Override
61     public String showWithChildren(int indent){
62         String returnString = show(indent) + "\n";
63
64         for (Comment c : comments){
65
66             for (int i = 0; i < indent; i++){
67                 returnString += "    ";
68             }
69             returnString += "|\n";

```

```
69         for (int i = 0; i < indent; i++){
70             returnString += " ";
71         }
72         returnString += "|";
73
74         returnString += c.showWithChildren(++indent);
75     }
76
77     return returnString;
78 }
79
80 @Override
81 public ArrayList<Comment> getComments() {
82     // TODO Auto-generated method stub
83     return comments;
84 }
85
86 @Override
87 public ArrayList<Endorsement> getEndorsements(){
88     return endorsements;
89 }
90 }
91
```